



dbMaestro TeamWork™

Version 3.0.0 Release Notes

27 November 2011

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Welcome to dbMaestro TeamWork™ v3.0.0

Thank you for installing dbMaestro TeamWork™, the first solution to effectively address issues related to database change management in database development processes by organizing all changes in a closed and monitored environment.

dbMaestro TeamWork™ is designed to automate and streamline database development and deployment tasks while providing a collaborative working environment for database developers and DBA teams.

We trust you will find that dbMaestro TeamWork™ significantly improves your productivity, so that your projects are completed faster, with a higher level of quality than ever before.

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New Features, Resolved Issues and Enhancements

The following is a list of major features introduced, issues addressed and enhancements implemented in this release of dbMaestro TeamWork™:

Version	New Feature / Resolved Issue / Enhancement
3.0.0 November 27 2011	<p>Adding multiple schema deploy to TeamWork, which is aware of dependencies between the deployed schemas.</p> <p>TeamWork enables integrating customers' business logic within the Deployment script using the User-Script options.</p> <p>Adding Labels to Modules in addition to snapshot of schema. Labels can be used to name a specific revision for later references.</p> <p>Improving performance of TeamWork UI and services across the product.</p> <p>Fix: Refresh of the remote schema (dbMaestro_teamwork) was not done when only one schema is managed</p> <p>Fix: Removing the dependency on Oracle User SID</p> <p>Fix: Data deployment script is based on tables dependencies</p> <p>Fix: Identifying changes of unique and non-unique indexes</p> <p>Known Issue: Special characters in Table name.</p>
2.8.2 January 17 2011	<p>TeamWork SideBar will remember its setting (location and size) on exit.</p> <p>Adding new schema to TeamWork on a new database now requires entering the tablespace for dbMaestro_TeamWork schema.</p> <p>Adding support for managing table content with more than 32 columns.</p> <p>Several improvements and bug fixes while generating the deployment script.</p> <p>Access role supports AD groups.</p>
2.8.1 November 11 2010	<p>Support non domain clients and server. In this release TeamWork support configuration in which the TeamWork server and/or TeamWork clients are not part of windows domain.</p> <p>Managing content of CLOB, BLOB, NCLOB, and XMLTYPE data types.</p> <p>Change default selection based on customer feedback. For example: in Saving Version, the default selection is to save content of management tables.</p> <p>Fix: Opening the Deployment Manager from the Studio, did not selected</p>

	<p>the correct base line.</p> <p>Fix: Changing several managed schemas in the same database to Suspend mode at the same time failed.</p> <p>Fix: Deploying to empty schema failed.</p> <p>Known Issue: Special characters in Table name.</p>
<p>2.8.0 August 23 2010</p>	<p>Added internal security mechanism – Access Roles, which enables the administrators to set permissions on object types and action to specific user within specific project.</p> <p>Adding Modules to TeamWork Management Studio, and list only relevant objects, which saves time locating the required objects.</p> <p>The managed schema's password can now be saved in TeamWork client, which eliminate the need to enter it repeatedly.</p> <p>Adding search functionality in Source Control window, which enables to find objects in specific status, for example: pending changes.</p> <p>Improving the setup wizards.</p> <p>Fixed: Several issues in managing content.</p> <p>Fixed: Supporting truncate command</p> <p>Known Issue: Add-In will not start when using ODAC 10g on 64bit. Click to see the solution.</p>
<p>2.7.3 June 13 2010</p>	<p>Added support to manage content of lookup tables based on Unique Indexes or Unique Constraints in addition to Primary Keys.</p> <p>Fixed: Adding a column with default mode failed in Integration mode.</p> <p>Fixed: Removing project in Management Studio, removed the wrong project.</p> <p>Fixed: Deployment Manager support CLOB_EMPTY() for not null CLOB columns.</p>
<p>2.7.2 May 20 2010</p>	<p>Improved 'Object Comparison' view: the more recent revision is now displayed on the left, instead of the right. This contributes to the visibility and clarity of changes.</p> <p>Fixed: Content comparison in 'Object Comparison' view is now performed automatically after opening the compare window, without having to choose revisions from the drop down controls.</p>
<p>2.7.1 May 03 2010</p>	<p>Microsoft TFS 2010 and VS 2010 are now supported.</p> <p>Added 'Freeze' mode to schema management.</p>
<p>2.7.0 Mar 28</p>	<p>Compare & Merge user interface has been upgraded significantly. Automatic merge option is added for most of database objects.</p>

<p>2010</p>	<p>TeamWork™ schema versions can now be linked with Microsoft TFS labels.</p> <p>Link to CMS change-sets and labels can now be altered by administrators even after TeamWork™ check-in has been performed.</p> <p>Login to multiple schemas in Management Studio is now supported.</p> <p>Deployment Manager can now be launched from within the Management Studio.</p> <p>Fixed: Data scripts generated by Deployment Manager are failing to execute in case there is an apostrophe sign (') in one of the values.</p> <p>Fixed: Error while adding schema without 'Create trigger' privileges to TeamWork™.</p> <p>In Deployment Manager only change-sets that have linked DB changes are now displayed.</p>
<p>2.6.1 Feb 21 2010</p>	<p>TeamWork™ DB API is now available.</p>
<p>2.6.0 Jan 21 2010</p>	<p>Added dbMaestro TeamWork™ Add-in for Microsoft Visual Studio 2008.</p> <p>Added command line interface, which enables batch check-in/check-out/save version/deployment operations.</p> <p>Improved internal references - zero footprint in customer's managed schema has been achieved.</p> <p>A user can now set a profile for projects and modules tree.</p> <p>Added 'Must enter comments when performing check-ins' policy settings.</p> <p>Added queries support for selecting work items from Rational Team Concert and Microsoft TFS.</p> <p>Microsoft TFS work items' status can now be changed when performing check-in in TeamWork.</p> <p>TeamWork™ check-in comments are now added to linked Microsoft TFS work items history.</p>
<p>2.5.4 Dec 1 2009</p>	<p>Added IBM Rational Team Concert integration (v2.0 and later)</p> <p>Reports fixes and improvements</p> <p>Added 'Activity History' report</p> <p>Resume from Integration State can be done only by the user who applied the state</p>

Added 'Force check-in' functionality

Objects under modules in Sidebar are now sorted alphabetically

2.5.3
Nov 1
2009

Data script generated in 'Generate Script' in 'View History' for schema, is the same as generated by deployment

Drop object action improvements

Added deployment functionality for generating INSERT scripts for tables that do not exist in destination schema

'Resume from Suspend/Integration' improvements

Added 'Order by' functionality to list of change-sets displayed in check-in view

Header of script generated by TW was changed to include more information about the script

Added 'Check-in all objects' functionality

Schema name was removed from DB object label in DB object trees

Fixed: Not all columns displayed in Conflict Resolver and Compare Data view, if table has different columns in source/destination/baseline.

Fixed: When reopening unmanaged schema connection properties (in deployment) the connection properties are cleared.

Fixed: Foreign key constraint in script generated by TW contains current owner name in referenced table.

Fixed: LONG column content is not displayed in 'Generate Script' in management studio.

Fixed: 'Check-in content' for table with LONG column with value larger than 32KB fails.

2.5.2
Aug 31
2009

Fixed: Wrong 'Creation Date' of TFS activities displayed in deployment view

Fixed: 'Generate Script' failure for table with large number of columns (more than 50) in 'View History' for schema

Fixed: In some cases 'Conflict Resolver' displays wrong data versions.

Fixed: Checking 'Don't show this window in the future' checkbox in 'Check-in Comments' window in Sidebar has no effect.

Performance improvements of 'Generate Script' for schema and deployment comparison for schemas with large number of objects dependencies.

	<p>Fixed: View or package DDL with spaces after ';' sign, cause ORA exceptions while executing script generated by TeamWork™.</p> <p>Schema script generated in 'Generate Script' in 'View History' for schema, is the same as generated by deployment.</p>
<p>2.5.0 Jul 16 2009</p>	<p>Oracle 11g is now supported</p> <p>Added IBM Rational ClearQuest and Microsoft TFS activities update after dbMaestro TeamWork™ check-in</p> <p>Managed instances do not require DBLink creation in order to run</p> <p>Deployment Manager supports working with unmanaged schemas for ad-hoc compare & sync usage, as well as improved support for managed version from TeamWork's repository</p> <p>Deployment Manager - Improved usage of the Alter command when generating deployment scripts, instead of recreation of the tables</p> <p>Deployment Manager performance improvements</p> <p>Significant performance improvements of 'Save Version' and 'Add To Source Control' actions</p> <p>Schema locking engine doesn't prevent object compilation anymore</p> <p>Oracle RAC is now supported</p> <p>Added 'Rollback By Change set' functionality</p> <p>View schema history by saved versions or by linked change management activities</p> <p>Compare between two saved schema versions</p> <p>Generate script from saved schema version or by linked change management activity</p>
<p>2.3.0 Mar 31 2009</p>	<p>Added additional database objects support:</p> <ul style="list-style-type: none"> Materialized Views Database Links Sequences Synonyms Types Schema and Database Triggers <p>Added custom CMS service support</p>
<p>2.2.0 Feb 28 2009</p>	<p>dbMaestro TeamWork™ Sidebar - a desktop tool designed for use by developers as part of database development cycle is now part of the product.</p> <p>dbMaestro TeamWork™ Sidebar provides change management policy enforcement functionality as well as multiple schema logins for an efficient</p>

	and disruption-free development process.
2.1.0 Jan 13 2009	<p>Improved performance</p> <p>Objects tree is now alphabetically sorted</p> <p>Fixed several stability issues</p> <p>Fixed 'Save Version' failure when saving schema with special characters</p> <p>More improvements to server and client setup</p> <p><u>Known Issues</u> Partitions and Table Space improved handling will be added in Q2 2009.</p> <p>Known bug: rollback of organization Index table fails.</p>
2.0.0 Nov 16 2008	<p>dbMaestro TeamWork™ for Oracle</p> <p>Improved server and client setup for easier and smoother installation</p> <p>Improved policy enforcement mechanism - supporting database schema registration with hostname in addition to IP address</p> <p>Improved rollback mechanism</p> <p>Supporting large tables content archiving and source control management</p> <p>Adding version control notification service to the source control actions (send emails to administrator upon check-in/out)</p> <p>Manual policy enforcement suspension tool – add email notifications to administrator</p> <p>Stabilizing the dbMaestro TeamWork™ services initialization process (resolved conflicts with firewall)</p> <p>Improved database objects dependencies identification process</p> <p>Reports - version filtering added</p> <p>GUI updates –</p> <ul style="list-style-type: none"> Displaying username in the database objects history list Display all the database information on the database details panel <p>Check-in data bug fixes</p>

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System Requirements

Before installing dbMaestro Teamwork™, please ensure your system meets the following requirements:

dbMaestro TeamWork™ Server

- Windows operating system (32 and 64 bits):
 - Windows 2003 service pack 2 and later
 - Windows 2008 R2
- .Net Framework 3.5 SP1 [[download](#)]
- Oracle Data Access Provider (ODAC) 32 bits
 - Oracle 10g ODAC version 10.2.0.2.21 (or later) [[download](#)]
 - Oracle 11g ODAC [[download](#)]
- Machine is part of the organizational domain (optional)
- Access to the Oracle database serves as the repository
- Access to the managed Oracle databases
- Firewall ports 8010 and 8012 for incoming TCP connections

dbMaestro TeamWork™ Database

- Oracle Database 10g release 2 (standard or enterprise edition).
- Oracle Database 11g (standard or enterprise edition).
- It is recommended the repository to be at the same version or latter of the managed Oracle database.

dbMaestro TeamWork™ Client

- Windows operating system (32 and 64 bits):
 - Windows XP
 - Windows 2003
 - Windows 7
 - Windows 2008 R2
- .Net Framework 3.5 SP1 [[download](#)]
- Oracle Data Access Provider (ODAC) 32 bits
 - Oracle 10g ODAC version 10.2.0.2.21 (or later) [[download](#)]
Note: ODAC 10 is not supported on Windows 7
 - Oracle 11g ODAC [[download](#)]
- Machine is part of the organizational domain (optional)
- Access to the Oracle database serves as the repository
- Access to the managed Oracle databases

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